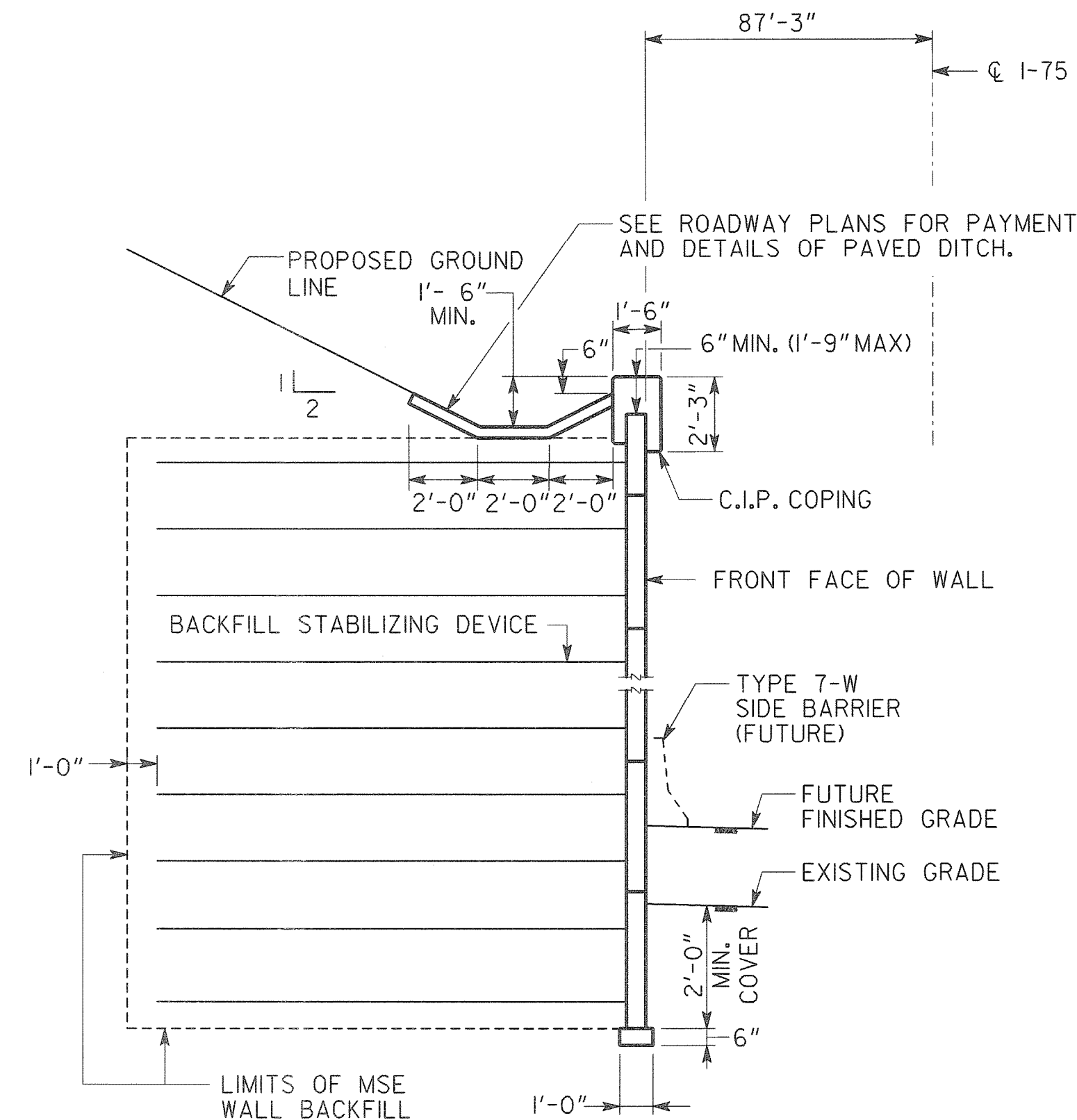


MSE WALL TYPICAL SECTION A-A



MSE WALL TYPICAL SECTION B-B

GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2001 EDITION AND 2008
SUPPLEMENTAL SPECIFICATIONS, AS MODIFIED BY CONTRACT DOCUMENTS.

FINISH - PROVIDE PLAIN CONCRETE FINISH.

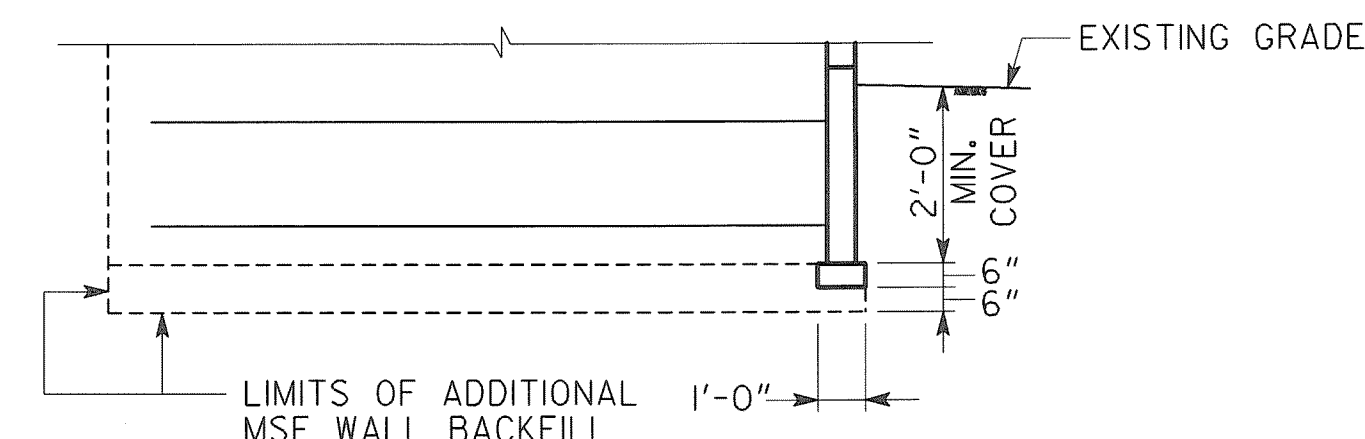
STATIONS AND OFFSETS - STATIONS SHOWN ARE ALONG & I-75. OFFSETS SHOWN ARE MEASURED TO THE FRONT FACE OF WALL.

STAGE CONSTRUCTION - THE WALL MAY BE CONSTRUCTED IN STAGES TO IMPROVE THE UNDERLYING SOIL BEARING CAPACITY. CONSTRUCT WALL TO A HEIGHT RESULTING IN A SOIL BEARING PRESSURE OF 2500 POUNDS PER SQUARE FOOT, WAIT 30 DAYS, THEN CONSTRUCT ADDITIONAL STAGES OR REMAINDER OF WALL.

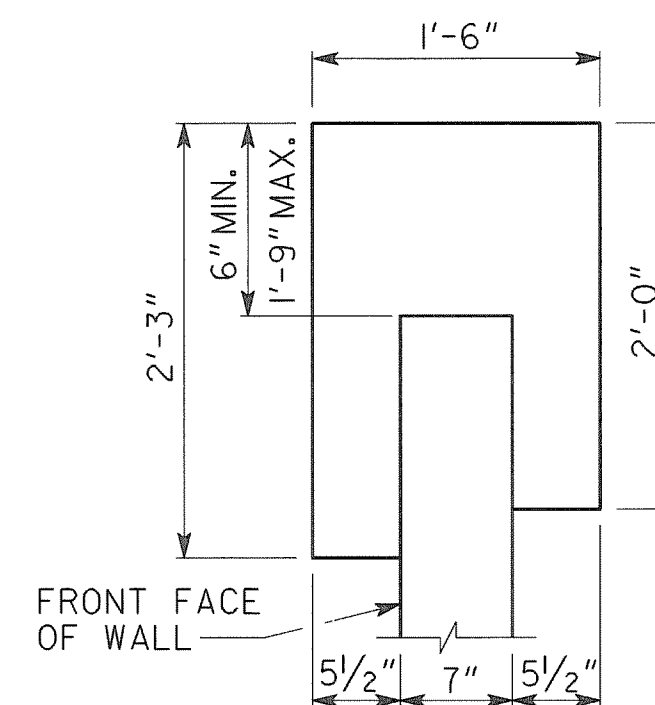
TEMPORARY SHORING - PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.

JOINTS - PROVIDE ONE INCH EXPANSION JOINT IN COPING AT EVERY FOURTH PANEL.

WALL PLANS - THE RETAINING WALL IS CONSIDERED A CONTRACTOR DESIGN. THESE WALL PLANS ARE CONCEPTUAL AND ARE FOR ILLUSTRATIVE PURPOSES ONLY. EXACT NUMBER OF SOIL REINFORCING STRIPS, THEIR LOCATIONS AND LENGTHS SHALL BE PROVIDED BY THE CONTRACTOR FOR THE WALL SYSTEM BID. THE PRESENCE OF THESE CONCEPTUAL PLANS IN THE CONTRACT DOCUMENTS IN NO WAY RELIEVES THE CONTRACTOR FROM PROVIDING A WALL SYSTEM WHICH PROVIDES STRUCTURAL ADEQUACY, IN ACCORDANCE WITH SECTION 627 OF THE GEORGIA DOT SPECIFICATIONS, AT THE BID PRICE.



ADDITIONAL MSE BACKFILL MATERIAL
WALL 1 ONLY



C.I.P. COPING, A

DESIGN DATA

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DESIGN BEARING PRESSURE ----- 1.25 TONS/SF
COHESION ----- 0 PSF
ANGLE OF INTERNAL FRICTION ----- 30°
UNIT WEIGHT ----- 120 PCF
COEFFICIENT OF SLIDING FRICTION ----- 0.38
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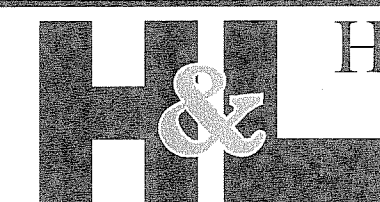
SUMMARY OF QUANTITIES - WALL NO. 1

<u>PAY ITEM</u> <u>NUMBER</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>PAY ITEM</u>
627-1000	177	SF	MSE WALL FACE, 0-10 FT HT, WALL NO - 1
627-1010	614	SF	MSE WALL FACE, 10-20 FT HT, WALL NO - 1
627-1020	2846	SF	MSE WALL FACE, 20-30 FT HT, WALL NO - 1
627-1100	198	LF	COPING A, WALL NO - 1
627-1180	472	CY	ADDITIONAL MSE BACKFILL

SUMMARY OF QUANTITIES - WALL NO. 2

<u>PAY ITEM</u> <u>NUMBER</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>PAY ITEM</u>
627-1000	168	SF	MSE WALL FACE, 0-10 FT HT, WALL NO - 2
627-1010	597	SF	MSE WALL FACE, 10-20 FT HT, WALL NO - 2
627-1020	2657	SF	MSE WALL FACE, 20-30 FT HT, WALL NO - 2
627-1100	191	LF	COPING A, WALL NO - 2
627-1180	340	CY	ADDITIONAL MSE BACKFILL

PROJECT P.I. NO. 610870
WALLS 1 & 2



Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

WALLS 1 & 2 - GENERAL NOTES
CR 65 (UNION GROVE ROAD) OVER I-75
GORDON COUNTY NHSTP-0075-03(203)

NO SCALE FEBRUARY 2011

DRAWING NO. 3I - 3						NO SCALE		FEBRUARY 2011	
WALL SHEET 3 OF 3		BY		DESIGNED DRAWN	JRL JRL	CHECKED DESIGN GROUP	BJA / MS FJC	REVIEWED APPROVED	W.E.I./W.M.D. BFR